

FIG. 1

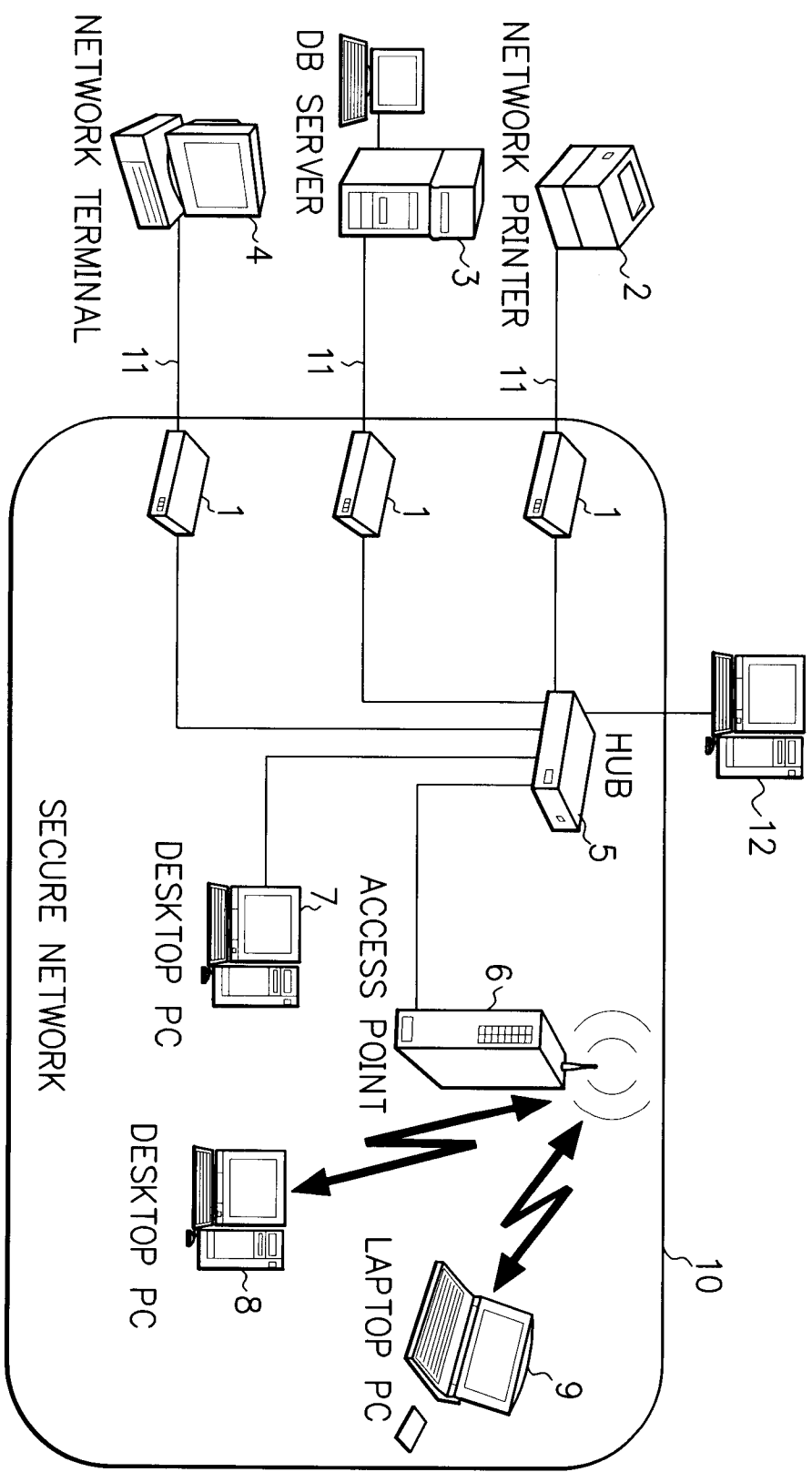


FIG. 2

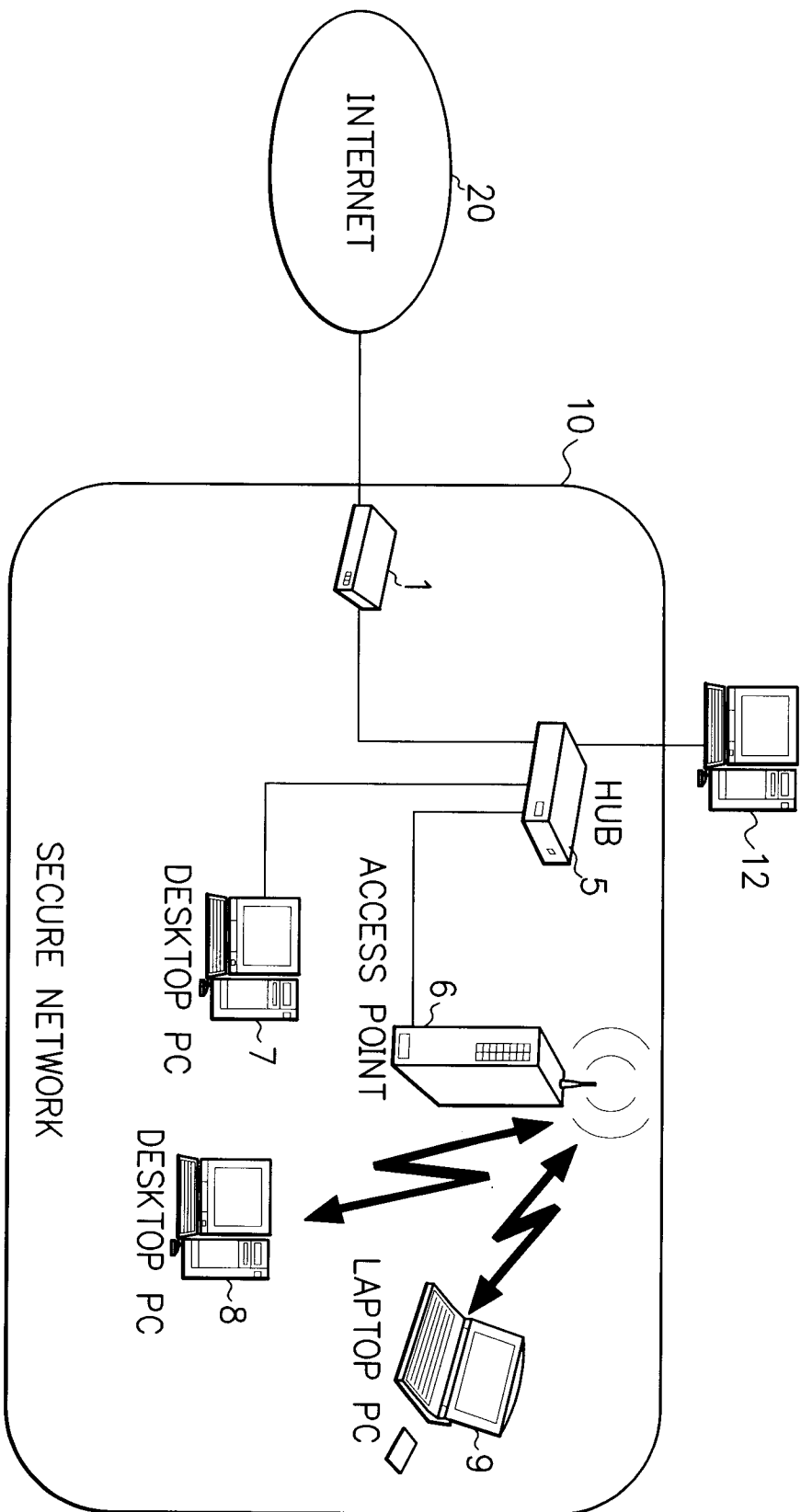
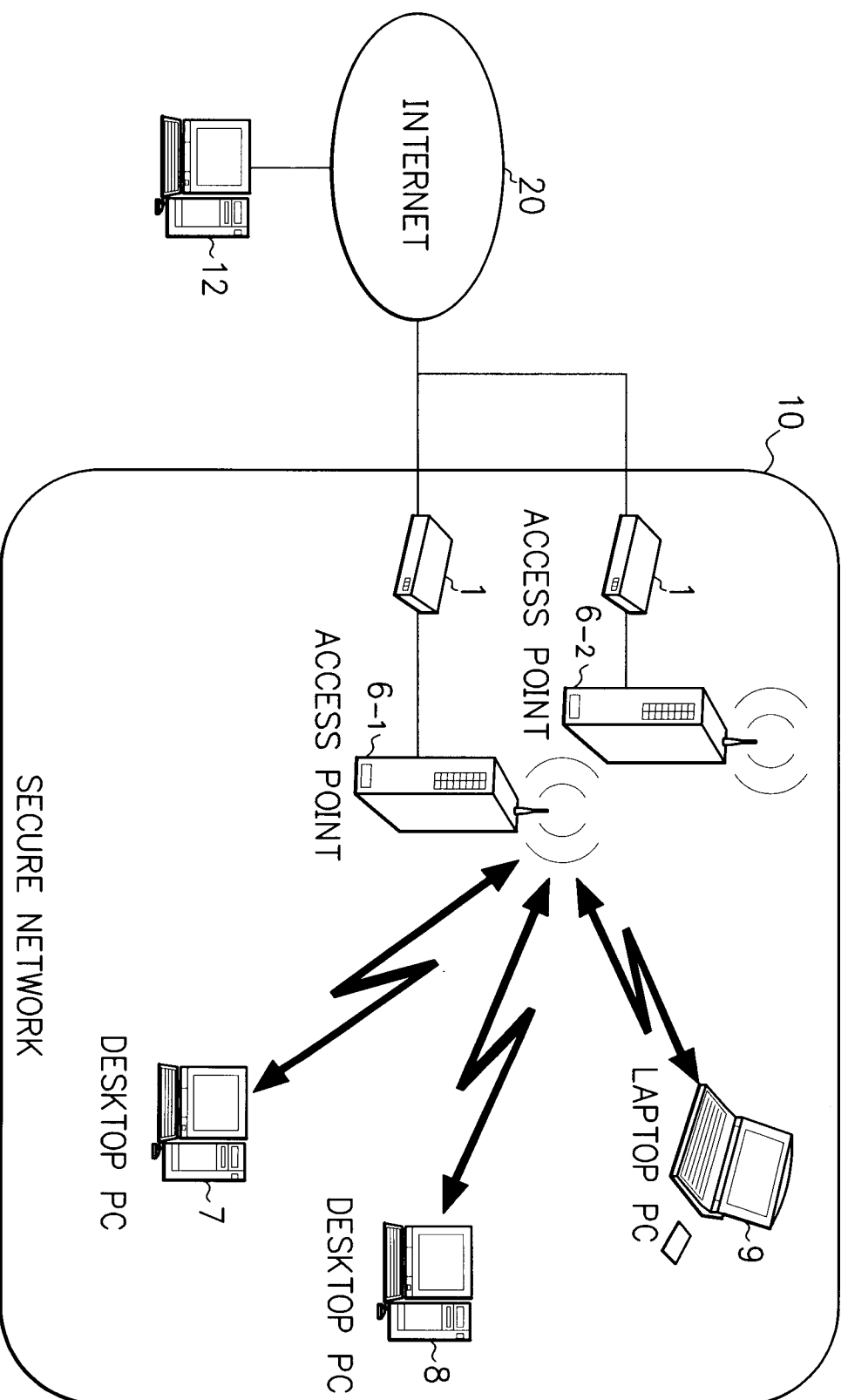
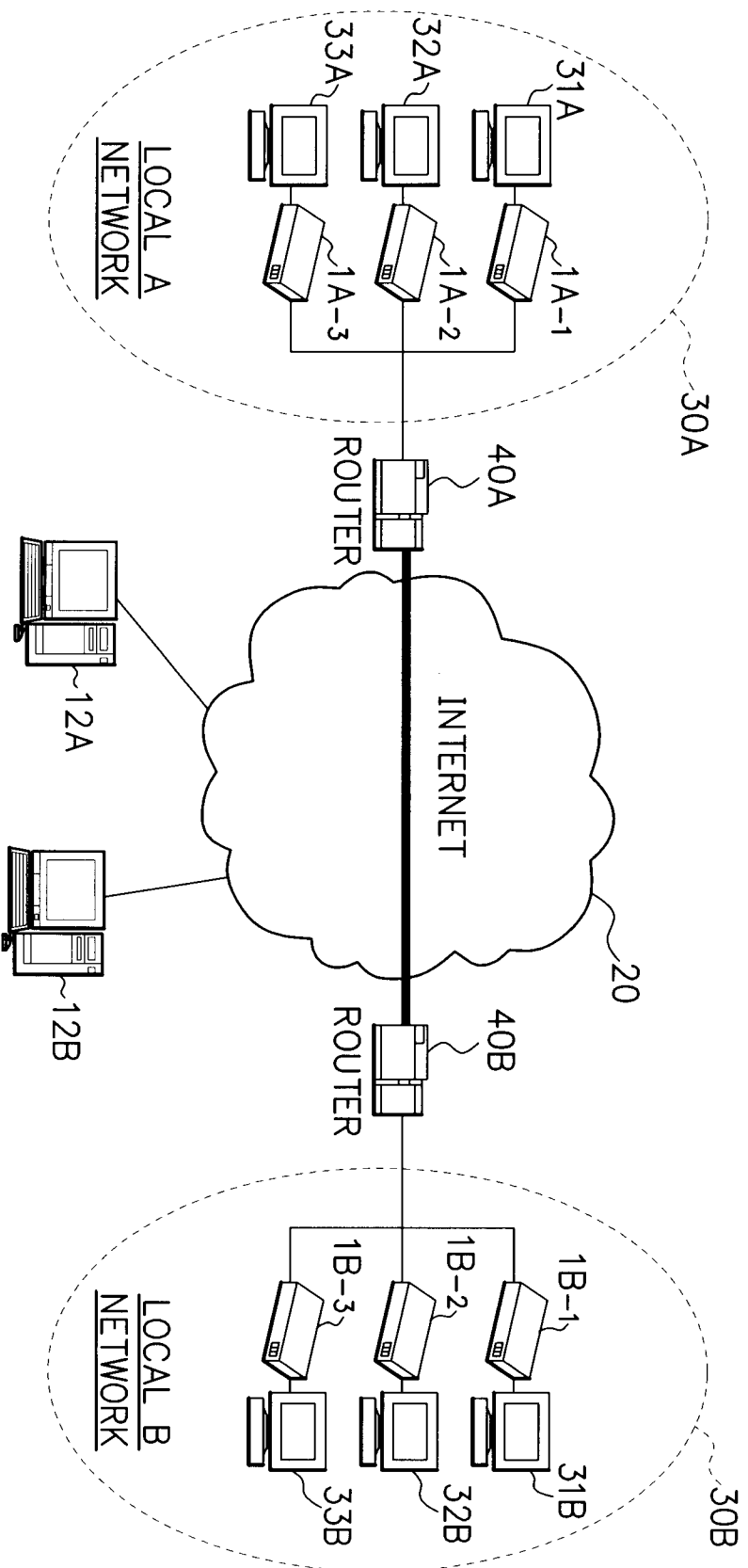


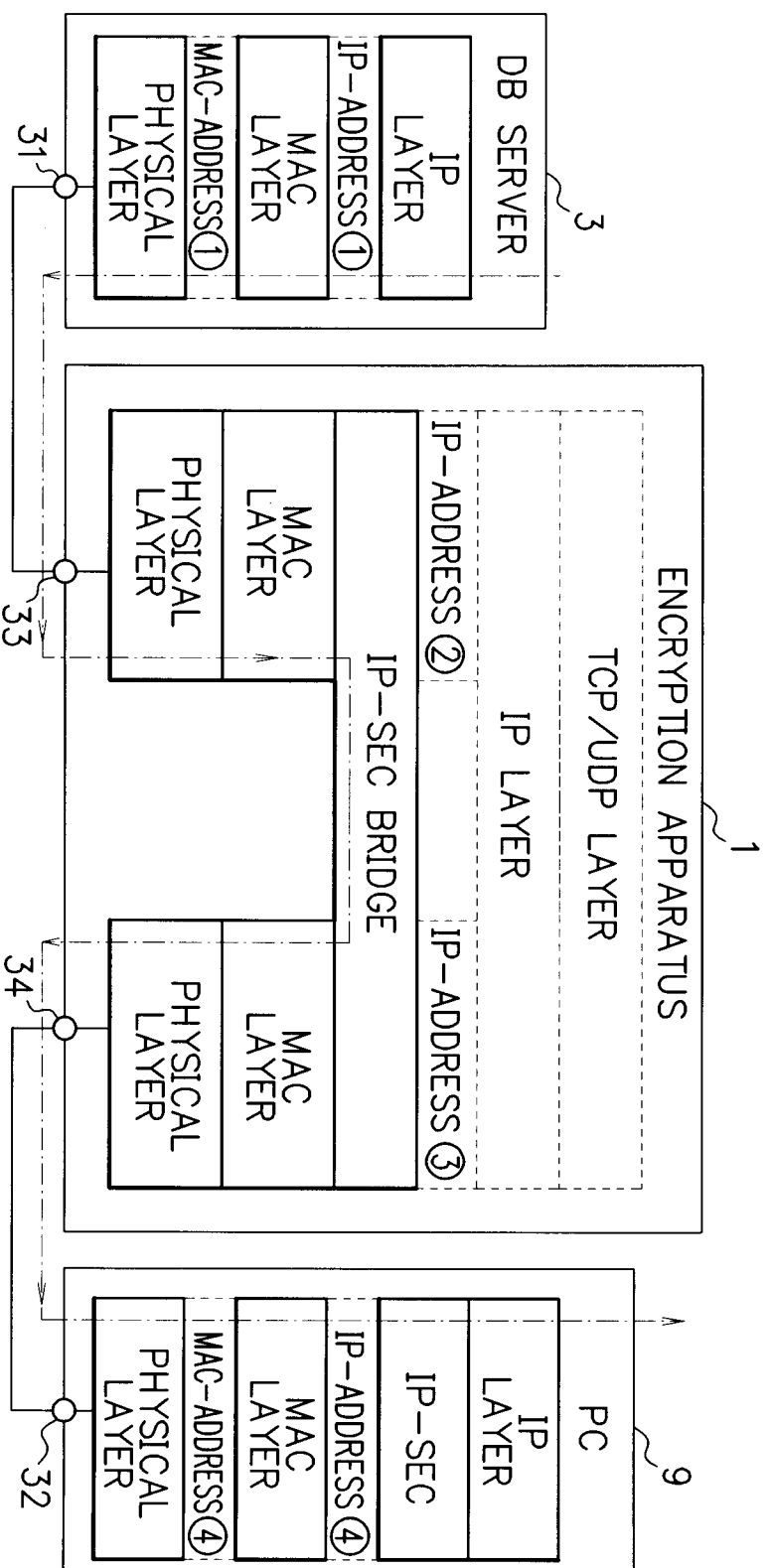
FIG. 3



F I G. 4



F I G. 5



F I G. 6

SOURCE IP ADDRESS ①		DESTINATION IP ADDRESS ④		DATA
NETWORK ADDRESS	HOST ADDRESS	NETWORK ADDRESS	HOST ADDRESS	
NETWORK A	XXXXXXXX	NETWORK A	XXXXXXXX	

F I G. 7A

PORT 1

MAC HEADER		IP HEADER		DATA
SOURCE MAC	DESTINATION MAC	SOURCE IP	DESTINATION IP	
ADDRESS ①	ADDRESS ④	ADDRESS ①	ADDRESS ④	

TRANSPORT MODE

MAC HEADER		IP HEADER		DATA
SOURCE MAC	DESTINATION MAC	SOURCE IP	DESTINATION IP	
ADDRESS ①	ADDRESS ④	ADDRESS ①	ADDRESS ④	

ENCRYPTING ONLY DATA PORTION

F I G. 7B

PORT 2

TUNNEL MODE

MAC HEADER		IP HEADER		MAC HEADER		IP HEADER		DATA
SOURCE MAC	DESTINATION MAC	SOURCE IP	DESTINATION IP	SOURCE MAC	DESTINATION MAC	SOURCE IP	DESTINATION IP	
ADDRESS ①	ADDRESS ④	ADDRESS ①	ADDRESS ④	ADDRESS ①	ADDRESS ④	ADDRESS ①	ADDRESS ④	

ENCRYPTING ALL DATA

F I G. 8A

PORT 1

MAC HEADER		IP HEADER		DATA
SOURCE MAC	DESTINATION MAC	SOURCE IP	DESTINATION IP	
ADDRESS ①	ADDRESS ②	ADDRESS ①	ADDRESS ⑥	

TRANSPORT MODE

MAC HEADER		IP HEADER		DATA
SOURCE MAC	DESTINATION MAC	SOURCE IP	DESTINATION IP	
ADDRESS ③	ADDRESS ④	ADDRESS ①	ADDRESS ⑥	

F I G. 8B

PORT 2

TUNNEL MODE

MAC HEADER		IP HEADER		MAC HEADER		IP HEADER		DATA
SOURCE MAC	DESTINATION MAC	SOURCE IP	DESTINATION IP	SOURCE MAC	DESTINATION MAC	SOURCE IP	DESTINATION IP	
ADDRESS ③	ADDRESS ④	ADDRESS ①	ADDRESS ⑥	ADDRESS ①	ADDRESS ②	ADDRESS ①	ADDRESS ⑥	

ENCRYPTING ONLY DATA PORTION

ENCRYPTING ALL DATA